

Remarks

Claims 23-33 are substantially identical to claims 23-33 filed by preliminary amendment on April 14, 2000 in the parent application.

New claims 23-27 describe a method of ordering restriction fragments from their pairs of sequence tags. Basis for this aspect of the invention is the discussion in the specification on page 10, line 21, to page 11, line 6, and the source code of Appendix A.

New claims 28-33 describe oligonucleotide compositions comprising mixtures of pairs of sequence tags. Basis for this aspect of the invention is on page 7, line 18-35; Figure 1, where such pairs are illustrated; and step (326) in Figure 3.

Entry of this amendment prior to examination is respectfully requested. No new matter is added by any of the amendments.

Respectfully submitted,

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